EDOS_RBR

| paragrap h_id | release | segment | req_title | req_type | req_cat | funct_stat | text | interpretation |
|--------------------------|---------|---------|-------------------------------|-----------|---------|------------|--|----------------|
| EDOS- 4.1.1.1- a#A | A | FOS | Data from DIF-to EOC | interface | TBD | TBD | The DIF shall interface with the EOC to transfer real-time return link data, Operations Management Data, Mission Test Data Sets, and Operations Management Test Data Sets. (Operations Management Data & Operations Management Test Sets limited to CODAs and TSS Summary Reports). | |
| EDOS- 4.1.1.1- a#B | В | FOS | Data from DIF-to EOC | interface | TBD | TBD | The DIF shall interface with the EOC to transfer real-time return link data, Operations Management Data, Mission Test Data Sets, and Operations Management Test Data Sets. (Operations Management Data & Operations Management Data & Operations Management Test Sets limited to CODAs and TSS Summary Reports). | |
| EDOS- 4.1.1.1- b#A | A | FOS | Data from DIF-to EOC | interface | TBD | TBD | The DIF shall interface with the EOC to transfer real-time return link data, Operations Management Data, Mission Test Data Sets, and Operations Management Test Data Sets. (Full capability for AM-1). | |
| EDOS- 4.1.1.1- b#B | В | FOS | Data from DIF-to EOC | interface | TBD | TBD | The DIF shall interface with the EOC to transfer real-time return link data, Operations Management Data, Mission Test Data Sets, and Operations Management Test Data Sets. (Full capability for AM-1). | |

| EDOS | ٨ | FOS | COCID | intout | TDD | TDD | 1 | |
|-----------|---|------|-------------|-----------|-----|-----|---------------------------|--|
| EDOS- | A | rus | GOSIP | interface | TBD | TBD | | |
| 4.1.1.10# | | | or | | | | The DIF shall conform | |
| A | | | Internet | | | | to GOSIP and Internet | |
| | | | for EOC | | | | protocol standards for | |
| | | | R/T Data | | | | communications | |
| | | | To I Data | | | | services as specified in | |
| | | | | | | | | |
| | | | | | | | Applicable Documents | |
| | | | | | | | 2, 3,4, 5, and 6 for the | |
| | | | | | | | delivery of real-time | |
| | | | | | | | data. | |
| EDOS- | В | FOS | GOSIP | interface | TBD | TBD | | |
| 4.1.1.10# | Ð | 105 | | interrace | 100 | 100 | The DIF shall conform | |
| | | | Of | | | | | |
| В | | | Internet | | | | to GOSIP and Internet | |
| | | | for EOC | | | | protocol standards for | |
| | | | R/T Data | | | | communications | |
| | | | | | | | services as specified in | |
| | | | | | | | Applicable Documents | |
| | | | | | | | 2, 3,4, 5, and 6 for the | |
| | | | | | | | | |
| | | | | | | | delivery of real-time | |
| | | | <u> </u> | | | | data. | |
| EDOS- | A | FOS | GOSIP/I | interface | TBD | TBD | | |
| 4.1.1.11# | | | nternet | | | | The DIF shall conform | |
| A | | | for EOC | | | | to GOSIP and Internet | |
| 11 | | | to EDOS | | | | protocol standards for | |
| | | | to EDOS | | | | | |
| | | | | | | | communications | |
| | | | | | | | services as specified in | |
| | | | | | | | Applicable Documents | |
| | | | | | | | 2, 3,4, 5, and 6 to | |
| | | | | | | | provide guaranteed data | |
| | | | | | | | | |
| | | | | | | | delivery for the | |
| | | | | | | | following data types: | |
| | | | | | | | a. CODA reports | |
| | | | | | | | b. TSS Summary | |
| | | | | | | | Reports | |
| EDOS- | В | FOS | GOSIP/I | interface | TBD | TBD | • | |
| 4.1.1.11# | В | 100 | nternet | micracc | IDD | IDD | The DIF shall conform | |
| | | | | | | | | |
| В | | | for EOC | | | | to GOSIP and Internet | |
| | | | to EDOS | | | | protocol standards for | |
| | | | 1 | | | | communications | |
| | | | 1 | | | | services as specified in | |
| | | | 1 | | | | Applicable Documents | |
| | | | 1 | | | | 2, 3,4, 5, and 6 to | |
| | | | 1 | | | | | |
| | | | 1 | | | | provide guaranteed data | |
| | | | 1 | | | | delivery for the | |
| | | | 1 | | | | following data types: | |
| | | | 1 | | | | a. CODA reports | |
| | | | 1 | | | | b. TSS Summary | |
| | | | 1 | | | | Reports | |
| EDOS- | В | FOS | Status | interface | TBD | TBD | | |
| | Ð | 1.03 | | menace | 100 | 400 | The DIE chell | |
| 4.1.1.12# | | | from | | | | The DIF shall provide | |
| В | | | EOC to | | | | the capability to receive | |
| | | | EDOS | | | | status data from the | |
| | | | 1 | | | | EOC as specified in | |
| | | | 1 | | | | Applicable Document 1, | |
| | | | 1 | | | | | |
| | | | 1 | | | | including but not limited | |
| | | | 1 | | | | to the following: | |
| | | | 1 | | | | b. Verification of TSS | |
| | | | 1 | | | | Summary Reports | |
| | | | 1 | | | | delivered | |
| | | I | i | l | l | l | 001110100 | |

| EDOC | D | EOC | COCID/I | interface | TDD | TDD | 1 | |
|-----------------------------------|----------|-----|---|-----------|-----|-----|---|--|
| EDOS- 4.1.1.14# B | В | FOS | GOSIP/I nternet for EOC to EDOS I/F | | TBD | TBD | The DIF-shall conform to GOSIP and Internet protocol standards for communications services as specified in Applicable Documents 2, 3, 4, 5, and 6 to provide receipt for the following data types: a. status data | |
| EDOS- A.1.13# B | <u>B</u> | FOS | Data from DIF to EOC | interface | TBD | TBD | The DIF shall provide the capability to transfer return link rate buffered Path Service EDUs to the EOC. | |
| EDOS- 4.1.1.2- a#A | A | FOS | Data from EOC to DIF | interface | TBD | TBD | The DIF shall interface with the EOC to receive real-time forward link data and Mission Test Data Sets. | |
| EDOS- 4.1.1.2- a#B | В | FOS | Data from EOC to DIF | interface | TBD | TBD | The DIF shall interface with the EOC to receive real-time forward link data and Mission Test Data Sets. | |
| EDOS- 4.1.1.2- b#A | A | FOS | Data from EOC to DIF | interface | TBD | TBD | The DIF shall interface with the EOC to receive real-time forward link data, Operations Management Data, Mission Test Data Sets, and Operations Management Test Data Sets. | |
| EDOS- 4.1.1.2- b#B | В | FOS | Data from EOC-to DIF | interface | TBD | TBD | The DIF shall interface with the EOC to receive real-time forward link data, Operations Management Data, Mission Test Data Sets, and Operations Management Test Data Sets. | |
| EDOS- 4.1.1.3# A A.1.1#A | A | FOS | Real Time EDUs to EOC | interface | TBD | TBD | The DIF shall provide the capability to transfer return link real-time Path Service EDOS Data Units (EDUs) to the EOC. [EDOS generates EDUs by concatenating an EDOS service header (ESH) with each applicable return link path service data unit (SDU)]. | |

| EDOG | l n | For | In 1 | | I mp p | Ten n | | |
|---|------|------|---|-------------|--------|-------|---|--|
| EDOS- | В | FOS | Real | interface | TBD | TBD | | |
| 4.1.1.3# | | | Time | | | | The DIF shall provide | |
| В | | | EDUs to | | | | the capability to transfer | |
| A.1.1#B | | | EOC | | | | return link real-time Path | |
| | | | | | | | Service EDOS Data | |
| | | | | | | | Units (EDUs) to the | |
| | | | | | | | EOC. | |
| | | | | | | | [EDOS generates EDUs | |
| | | | | | | | by concatenating an | |
| | | | | | | | EDOS service header | |
| | | | | | | | (ESH) with each | |
| | | | | | | | | |
| | | | | | | | applicable return link | |
| | | | | | | | path service data unit | |
| | | | | | | | (SDU)]. | |
| EDOS- | A | FOS | CLCW | interface | TBD | TBD | | |
| 4.1.1.4# | | | EDUs to | | | | The DIF shall provide | |
| A | | | EOC | | | | the capability to transfer | |
| A.1.2#A | | | | | | | Command Link Control | |
| | | | | | | | Word EDUs to the | |
| | | | | | | | EOC. | |
| EDOS- | В | FOS | CLCW | interface | TBD | TBD | | |
| 4.1.1.4# | | | EDUs to | | | | The DIF shall provide | |
| В | | | EOC | | | | the capability to transfer | |
| A.1.2#B | | | | | | | Command Link Control | |
| | | | | | | | Word EDUs to the | |
| | | | | | | | EOC. | |
| EDOS- | A | FOS | Forward | interface | TBD | TBD | | |
| 4.1.1.5# | | 100 | link | 11110111110 | 122 | 122 | The DIF shall provide | |
| A | | | CLTUs | | | | the capability to receive | |
| A.1.3#A | | | to EDOS | | | | forward link real-time | |
| 71.1.3111 | | | to LDOS | | | | CLTUs from the EOC. | |
| EDOS- | В | FOS | Forward | interface | TBD | TBD | CL10s Holli the Loc. | |
| 4.1.1.5# | ь | 1.03 | link | interrace | 100 | 100 | The DIF shall provide | |
| В | | | CLTUs | | | | | |
| | | | | | | | the capability to receive | |
| A.1.3#B | | | to EDOS | | | | forward link real-time | |
| EDOG | | FOG | CODA | · | TED D | TED D | CLTUs from the EOC. | |
| EDOS- | A | FOS | CODAs | interface | TBD | TBD | TI DIE 1 II 'I | |
| 4.1.1.6# | | | from | | | | The DIF shall provide | |
| A | | | EDOS to | | | | the capability to transfer | |
| | | | EOC | | | | Customer Operations | |
| | | | | | | | Data Accounting | |
| | | | 1 | | | | (CODA) reports as | |
| | | | | | | | specified in Applicable | |
| | | | | | | | Document 1. | |
| EDOS- | 1 13 | LEAG | CODAs | interface | TBD | TBD | | |
| | В | FOS | C | | | 100 | m | U. Caracian de la Car |
| 4.1.1.6# | В | ros | from | | | TDD | The DIF shall provide | |
| 4.1.1.6# B | В | FOS | from EDOS to | | | IBD | the capability to transfer | |
| 4.1.1.6# | В | 103 | from | | | IBD | the capability to transfer Customer Operations | |
| 4.1.1.6# B | В | ros | from EDOS to | | | TBD | the capability to transfer Customer Operations Data Accounting | |
| 4.1.1.6# B | В | ros | from EDOS to | | | | the capability to transfer Customer Operations Data Accounting (CODA) reports as | |
| 4.1.1.6# B | В | ros | from EDOS to | | | | the capability to transfer Customer Operations Data Accounting (CODA) reports as specified in Applicable | |
| 4.1.1.6# B | В | | from EDOS to EOC | | | | the capability to transfer Customer Operations Data Accounting (CODA) reports as | |
| 4.1.1.6# B | A | FOS | from EDOS to | interface | TBD | TBD | the capability to transfer Customer Operations Data Accounting (CODA) reports as specified in Applicable | |
| 4.1.1.6# B A.1.4#B | | | from EDOS to EOC | interface | | | the capability to transfer Customer Operations Data Accounting (CODA) reports as specified in Applicable Document 1. The DIF-shall provide | |
| 4.1.1.6# B A.1.4#B | | | from EDOS to EOC | interface | | | the capability to transfer Customer Operations Data Accounting (CODA) reports as specified in Applicable Document 1. | |
| 4.1.1.6# B A.1.4#B EDOS- 4.1.1.7# | | | from EDOS to EOC TSS Summari | interface | | | the capability to transfer Customer Operations Data Accounting (CODA) reports as specified in Applicable Document 1. The DIF-shall provide | |
| 4.1.1.6# B A.1.4#B EDOS- 4.1.1.7# | | | from EDOS to EOC TSS Summari es-to | interface | | | the capability to transfer Customer Operations Data Accounting (CODA) reports as specified in Applicable Document 1. The DIF shall provide the capability to transfer TDRSS-Service-Session | |
| 4.1.1.6# B A.1.4#B EDOS- 4.1.1.7# | | | from EDOS to EOC TSS Summari es-to | interface | | | the capability to transfer Customer Operations Data Accounting (CODA) reports as specified in Applicable Document 1. The DIF-shall provide the capability to transfer TDRSS-Service-Session (TSS)-Summary | |
| 4.1.1.6# B A.1.4#B EDOS- 4.1.1.7# | | | from EDOS to EOC TSS Summari es-to | interface | | | the capability to transfer Customer Operations Data Accounting (CODA) reports as specified in Applicable Document 1. The DIF shall provide the capability to transfer TDRSS Service Session (TSS) Summary Reports as specified in | |
| 4.1.1.6# B A.1.4#B EDOS- 4.1.1.7# | | | from EDOS to EOC TSS Summari es-to | interface | | | the capability to transfer Customer Operations Data Accounting (CODA) reports as specified in Applicable Document 1. The DIF shall provide the capability to transfer TDRSS-Service-Session (TSS)-Summary Reports as specified in Applicable Document 1 | |
| 4.1.1.6# B A.1.4#B EDOS- 4.1.1.7# | | | from EDOS to EOC TSS Summari es-to | interface | | | the capability to transfer Customer Operations Data Accounting (CODA) reports as specified in Applicable Document 1. The DIF shall provide the capability to transfer TDRSS-Service-Session (TSS)-Summary Reports as specified in Applicable Document 1 to the EOC following | |
| 4.1.1.6# B A.1.4#B EDOS- 4.1.1.7# | | | from EDOS to EOC TSS Summari es-to | interface | | | the capability to transfer Customer Operations Data Accounting (CODA) reports as specified in Applicable Document 1. The DIF shall provide the capability to transfer TDRSS-Service-Session (TSS)-Summary Reports as specified in Applicable Document 1 | |

| EDOG | ъ | FOG | maa | | mp p | TD D | | |
|-----------------------------------|---|--------------|--|-----------|------|-----------------------------|--|--|
| EDOS- 4.1.1.7# B A.1.5#B | В | FOS | TSS Summari es to EOC | interface | TBD | TBD | The DIF shall provide the capability to transfer TDRSS Service Session (TSS) Summary Reports as specified in Applicable Document 1 to the EOC following the completion of each TSS. | |
| EDOS- 4.1.2.1- a#A | A | SDPS | DIF-to LaRC DAAC Interface | interface | TBD | TBD | The DIF-shall interface with the Langley Research Center (LaRC) DAAC to transfer Operations Management Data and Operations Management Test Data Sets. (Operations Management Data and Operations Management Test Data limited to PDS Delivery Records.) | |
| EDOS- 4.1.2.1- a#B | В | SDPS | DIF-to LaRC DAAC Interface | interface | TBD | TBD | The DIF shall interface with the Langley Research Center (LaRC) DAAC to transfer Operations Management Data and Operations Management Test Data Sets. (Operations Management Data and Operations Management Data and Operations Management Test Data limited to PDS Delivery Records.) | |
| EDOS- 4.1.2.1- b#B | В | SDPS | DIF-to LaRC DAAC Interface | interface | TBĐ | ТВÐ | The DIF shall interface with the Langley Research Center (LaRC) DAAC to transfer Operations Management Data and Operations Management Test Data Sets. | |
| EDOS- 4.1.2.10# B | В | FOS+ CSMS | GOSIP/I nternet:L aRC DAAC to EDOS | interface | TBD | no new functiona lity | The DIF shall conform to GOSIP and Internet protocol standards as specified in Applicable Documents 2, 3, 4, 5, and 6 for communications services to provide receipt for the following data types: a. status data | |
| EDOS- 4.1.2.2# B | В | SDPS | LaRC DAAC- to-DIF Interface | interface | TBD | TBD | The DIF-shall interface with the Langley Research Center (LaRC) DAAC to receive Operations Management Data and Operations Management Test Data Sets. | |

| EDOG | 1 . | GDDG | EDOGG | | mp p | TED D | 1 | |
|-----------------------------------|----------|------|---|-----------|------|-------|--|--|
| EDOS- 4.1.2.3# A B.1.1#A | A | SDPS | EDOS/L aRC DAAC PDS Delivery Records | interface | TBD | TBD | The DIF shall provide the capability to transfer PDS Delivery Records as specified in Applicable Document 1 to the LaRC DAAC following the delivery of each PDS. | |
| EDOS- 4.1.2.3# B B.1.1#B | В | SDPS | EDOS/L aRC DAAC PDS Delivery Records | interface | TBD | TBD | The DIF shall provide the capability to transfer PDS Delivery Records as specified in Applicable Document 1 to the LaRC DAAC following the delivery of each PDS. | |
| EDOS- B.1.2 | <u>B</u> | SDPS | EDOS/L aRC DAAC QDS Delivery Records | interface | TBD | TBD | The DIF shall provide the capability to transfer QDS Delivery Records as specified in Applicable Document 1 to the LaRC DAAC following the delivery of each QDS. | |
| EDOS- 4.1.2.5# B B.1.3#B | В | SDPS | EDOS/L aRC DAAC ADS Delivery Records | interface | TBD | TBD | The DIF shall provide the capability to transfer ADS Delivery Records as specified in Applicable Document 1 to the LaRC DAAC following the delivery of each ADS. | |
| EDOS- 4.1.2.6# B | В | SDPS | EDOS/L aRC Serv. Req. Dispositi ons | interface | TBD | TBD | The DIF shall provide the capability to transfer Service Request Dispositions to the LaRC DAAC, as specified in Applicable Document 1. | |
| EDOS- 4.1.2.7- a#A | A | SDPS | GOSIP/I nternet to LaRC DAAC | interface | TBD | TBD | The DIF shall conform to GOSIP and Internet protocol standards as specified in Applicable Documents 2, 3, 4, 5, and 6 for communications services to provide guaranteed delivery for the following data types: a. PDS delivery records | |
| EDOS- 4.1.2.7- a#B | В | SDPS | GOSIP/I nternet to LaRC DAAC | interface | TBD | TBD | The DIF shall conform to GOSIP and Internet protocol standards as specified in Applicable Documents 2, 3, 4, 5, and 6 for communications services to provide guaranteed delivery for the following data types: a. PDS delivery records | |

| EDOS- | В | CDDC | GOSIP/I | interface | TBD | no norre | T | |
|----------------|---|----------------|-------------|-----------|-----|-----------|---------------------------|--|
| 4.1.2.7- | Ð | SDPS CSMS | | merrace | 100 | no new | The DIF shall conform | |
| | | COMO | nternet to | | | functiona | | |
| b#B | | | LaRC | | | lity | to GOSIP and Internet | |
| | | | DAAC | | | | protocol standards as | |
| | | | | | | | specified in Applicable | |
| | | | | | | | Documents 2, 3, 4, 5, | |
| | | | | | | | and 6 for | |
| | | | | | | | communications | |
| | | | | | | | services to provide | |
| | | | | | | | guaranteed delivery for | |
| | | | | | | | the following data types: | |
| | | | | | | | a. PDS delivery records | |
| | | | | | | | c. ADS delivery records | |
| | | | | | | | d. Service Request | |
| | | | | | | | Dispositions | |
| EDOS- | В | SDPS | Status | interface | TBD | TBD | | |
| 4.1.2.8# | | | from | | | | The DIF shall provide | |
| В | | | LaRC | | | | the capability to receive | |
| <u>B.1.6#B</u> | | | DAAC | | | | status data from the | |
| | | | to EDOS | | | | LaRC DAAC as | |
| | | | | | | | specified in Applicable | |
| | | | | | | | Document 1, including | |
| | | | | | | | but not limited to the | |
| | | | | | | | following: | |
| | | | | | | | b. Verification of PDSs | |
| | | | | | | | delivered | |
| | | | | | | | c. Verification of ADSs | |
| | | | | | | | delivered | |
| EDOS- | В | SDPS | Serv. | interface | TBD | TBD | | |
| 4.1.2.9# | | | Req. | | | | The DIF shall provide | |
| В | | | from | | | | the capability to receive | |
| | | | LaRC | | | | Service Requests from | |
| | | | DAAC | | | | the LaRC DAAC as | |
| | | | to EDOS | | | | specified in Applicable | |
| | | | | | | | Document 1. | |
| EDOS- | A | SDPS | DIF-to | interface | TBD | TBD | | |
| 4.1.3.1- | | | GSFC | | | | The DIF shall interface | |
| a#A | | | DAAC | | | | with the GSFC DAAC | |
| | | | Interface | | | | to transfer Operations | |
| | | | | | | | Management Data and | |
| | | | | | | | Operations Management | |
| | | | | | | | Test Data Sets. | |
| | | | | | | | (limited to PDS delivery | |
| | | | | | | | records). | |
| EDOS- | B | SDPS | DIF-to | interface | TBD | TBD | | |
| 4.1.3.1- | | | GSFC | | | | The DIF shall interface | |
| a#B | | | DAAC | | | | with the GSFC DAAC | |
| | | | Interface | | | | to transfer Operations | |
| | | | | | | | Management Data and | |
| | | | | | | | Operations Management | |
| | | | | | | | Test Data Sets. | |
| | | | | | | | (limited to PDS delivery | |
| | | | | | | | records). | |
| EDOS- | B | SDPS | DIF-to | interface | TBD | TBD | | |
| 4.1.3.1- | | | GSFC | | | | The DIF shall interface | |
| b#B | | | DAAC | | | | with the GSFC DAAC | |
| | | | Interface | | | | to transfer Operations | |
| | | | | | | | Management Data and | |
| | | | | | | | Operations Management | |
| | | | | | | | Test Data Sets | |
| | • | • | • | • | | • | | |

| EDOS- 4.1.3.10# B | В | SDPS+ CSMS | GOSIP/I nternet:G SFC DAAC to EDOS | interface | TBD | no new functiona lity | The DIF shall conform to GOSIP and Internet protocol standards as specified in Applicable Documents 2, 3, 4, 5, and 6 for communications services to provide receipt for the following data types: a. status data b. Service Requests. The DIF shall interface | |
|-----------------------------------|----------|---------------|---|-----------|-----|-----------------------------|---|--|
| В | | | to-DIF Interface | | | | with the GSFC DAAC to receive Operations Management Data and Operations Management Test Data Sets. | |
| EDOS- 4.1.3.3# A C.1.1#A | A | SDPS | EDOS/G SFC DAAC PDS Delivery Records | interface | TBD | TBD | The DIF shall provide the capability to transfer PDS Delivery Records as specified in Applicable Document 1 to the GSFC DAAC following the delivery of each PDS. | |
| EDOS- 4.1.3.3# B C.1.1#B | В | SDPS | EDOS/G SFC DAAC PDS Delivery Records | interface | ТВО | TBD | The DIF shall provide the capability to transfer PDS Delivery Records as specified in Applicable Document 1 to the GSFC DAAC following the delivery of each PDS. | |
| EDOS- C.1.2 | <u>B</u> | SDPS | EDOS/G SFC DAAC QDS Delivery Records | interface | TBD | TBD | The DIF shall provide the capability to transfer QDS Delivery Records as specified in Applicable Document 1 to the GSFC DAAC following the delivery of each QDS. | |
| EDOS- 4.1.3.5# B C.1.3#B | В | SDPS | EDOS/G SFC DAAC ADS Delivery Records | interface | TBD | TBD | The DIF shall provide the capability to transfer ADS Delivery Records to the GSFC DAAC as specified in Applicable Document 1 to the GSFC DAAC following the delivery of each ADS. | |
| EDOS- 4.1.3.6# B | В | SDPS | EDOS/G SFC Serv. Req. Dispositi ons | interface | ТВÐ | TBĐ | The DIF shall provide the capability to transfer Service Request Dispositions as specified in Applicable Document 1 to the GSFC DAAC. | |

| EDOS | Ι Δ | SDPS | GOSIP/I | interface | TBD | TBD | | 1 |
|-----------------------------------|-----|---------------|--|-----------|-----|-----------------------------|--|---|
| EDOS- 4.1.3.7- a#A | A | | nternet-to GSFC DAAC | | | | The DIF shall conform to GOSIP and Internet protocol standards as specified in Applicable Documents 2, 3, 4, 5, and 6 for communications services to provide guaranteed delivery for the following data types: a. PDS delivery records | |
| EDOS- 4.1.3.7- a#B | B | SDPS | GOSIP/I nternet to GSFC DAAC | interface | TBD | TBD | The DIF shall conform to GOSIP and Internet protocol standards as specified in Applicable Documents 2, 3, 4, 5, and 6 for communications services to provide guaranteed delivery for the following data types: a. PDS delivery records | |
| EDOS- 4.1.3.7- b#B | В | SDPS+ CSMS | GOSIP/I nternet-to GSFC DAAC | interface | TBD | no new functiona lity | The DIF shall conform to GOSIP and Internet protocol standards as specified in Applicable Documents 2, 3, 4, 5, and 6 for communications services to provide guaranteed delivery for the following data types: a. PDS delivery records c. ADS delivery records d. Service Request Dispositions | |
| EDOS- 4.1.3.8# B C.1.6#B | В | SDPS | Status from GSFC DAAC to EDOS | interface | TBD | TBD | The DIF shall provide the capability to receive status data from the GSFC DAAC including but not limited to the following: a. Verification of QDSs delivered b. Verification of PDSs delivered c. Verification of ADSs delivered | |
| EDOS- 4.1.3.9# B | В | SDPS | Serv. Req. from GSFC DAAC to EDOS | interface | TBD | TBD | The DIF shall provide the capability to receive Service Requests from the GSFC DAAC as specified in Applicable Document 1. | |
| EDOS- 4.1.8.1- a#B | B | CSMS | DIF-to SMC Interface | interface | TBD | TBD | The DIF shall interface with the SMC to transfer Operations Management Data, and Operations Management Test Data Sets. (limited to PDS delivery records). | |

| EDOG | ъ | GG3 4G | DIE | · | T T D D | TED D | 1 | |
|---|----------|--------|---|-----------|---------|-------|--|--|
| EDOS- 4.1.8.1- b#B 4.1.15- #B | В | CSMS | DIF-to SMC Interface | interface | TBD | TBD | The DIF shall interface with the SMC to transfer Operations Management Data, and Operations Management Test Data Sets. | |
| EDOS- 4.1.8.10# B | ₿ | CSMS | Serv. Req. from SMC to EDOS | interface | TBD | TBD | The DIF shall provide the capability to receive Service Requests from the SMC as specified in Applicable Document 1. | |
| EDOS- 4.1.8.11# B | В | CSMS | GOSIP/I nternet::S MC-to EDOS | interface | TBD | TBD | The DIF shall conform to GOSIP and Internet protocol standards as specified in Applicable Documents 2, 3, 4, 5, and 6 for communications services to provide receipt of Service Requests. | |
| EDOS- 4.1.8.2# B H.1.1#B | В | CSMS | EDOS/S MC PDS Delivery Records | interface | TBD | TBD | The DIF shall provide the capability to transfer PDS Delivery Records as specified in Applicable Document 1 to the SMC following the delivery of a PDS to any EGS element. | |
| EDOS- H.1.2#B | <u>B</u> | CSMS | EDOS/S MC QDS Delivery Records | interface | TBD | TBD | The DIF shall provide the capability to transfer QDS Delivery Records as specified in Applicable Document 1 to the SMC following the delivery of a QDS to any EGS element. | |
| EDOS- 4.1.8.4# B H.1.3#B | В | CSMS | EDOS/S MC ADS Delivery Records | interface | TBD | TBD | The DIF shall provide the capability to transfer ADS Delivery Records as specified in Applicable Document 1 to the SMC following the delivery of an ADS to any EGS element. | |
| EDOS- 4.1.8.5# B | В | CSMS | EDOS/S MC Serv. Req. Dispositi ons | interface | TBD | TBD | The DIF shall provide the capability to transfer Service Request Dispositions as specified in Applicable Document 1 to the SMC. | |
| EDOS- 4.1.8.6# B | В | CSMS | EDOS/S MC EDOS Activity Plans | interface | TBD | TBD | The DIF shall provide the capability to transfer EDOS Activity Plans (EAPs) as specified in Applicable Document 1 to the SMC. | |

| EDOG | ъ | 663.46 | ED OG /G | I | mp p | TD D | | |
|--------------------------|---|---------------|---|----------------|------|-----------|--|--|
| EDOS- 4.1.8.7# B | В | ESMS | EDOS/S MC EDOS Ops Timeline s | interface | TBĐ | TBĐ | The DIF shall provide the capability to transfer EDOS Operations Timelines (EOTs) as specified in Applicable Document 1 to the SMC. | |
| EDOS- 4.1.8.8# B | ₿ | CSMS | EDOS/S MC EOT Change Notificati ons | interface | TBD | TBD | The DIF shall provide the capability to transfer EOT Change Notifications to the SMC. | |
| EDOS- 4.1.8.9- a#A | A | TBĐ | GOSIP/I nternet-to SMC | procedur al | TBĐ | fully met | The DIF shall conform to GOSIP and Internet protocol standards as specified in Applicable Documents 2, 3, 4, 5, and 6 for communications services to provide guaranteed delivery for the following data types: a. PDS delivery records | External only requirement. Information only. No action is required by ECS. |
| EDOS- 4.1.8.9- a#B | B | TBD | GOSIP/I nternet-to SMC | interface | TBD | TBD | The DIF shall conform to GOSIP and Internet protocol standards as specified in Applicable Documents 2, 3, 4, 5, and 6 for communications services to provide guaranteed delivery for the following data types: a. PDS delivery records | |
| EDOS- 4.1.8.9- b#B | B | CSMS | GOSIP/I nternet to SMC | interface | TBD | TBD | The DIF shall conform to GOSIP and Internet protocol standards as specified in Applicable Documents 2, 3, 4, 5, and 6 for communications services to provide guaranteed delivery for the following data types: a. PDS delivery records c. ADS delivery records d. Service Request Dispositions e. EAPs f. EOTs g. EOT Change Notifications | |
| EDOS- 4.2#A | A | SDPS+ CSMS | DPF/EC S Performa nce Rqmts. | interface | TBD | fully met | Performance requirements specifying the rates for transfer and receipt of Mission Data for the EDOS DIF to each EGS element can be found in the EDOS/Ecom Traffic Model, Reference Document 10. | |

| ED 0.0 | D | appa: | DDD/CC | | mp.s | | | |
|------------------|----------|----------------|---------------------------|-----------|------------|---------------------|--|--|
| EDOS- 4.2#B | В | SDPS CSMS | DPF/EC S | interface | TBD | no new functiona | Performance | |
| +.∠#Đ | | Cawia | S Performa | | | lity | requirements specifying | |
| | | | nce | | | nty | the rates for transfer and | |
| | | | Rqmts. | | | | receipt of Mission Data | |
| | | | requires | | | | for the EDOS DIF to | |
| | | | | | | | each EGS element can | |
| | | | | | | | be found in the | |
| | | | | | | | EDOS/Ecom Traffic | |
| | | | | | | | Model, Reference | |
| | | 700 | D.T.D.(D.O. | | | 0.11 | Document 10. | |
| EDOS- | A | FOS | DIF/EO | interface | TBD | fully met | TI DIE EOC! (C | |
| 4.2.1.1# A | | CSMS | C EDU Maximu | | | | The DIF-EOC interface shall provide the | |
| A.2.1#A | | | m Data | | | | capability to support the | |
| 11.2.1111 | | | Rate | | | | transfer of real-time | |
| | | | | | | | return link EDUs to the | |
| | | | | | | | EOC at a rate of up to | |
| | | | | | | | 1.1 Mbps. | |
| EDOS- | В | FOS | DIF/EO | interface | TBD | no new | | |
| 4.2.1.1# | | CSMS | C EDU | | | functiona | The DIF-EOC interface | |
| B | | | Maximu | | | lity | shall provide the | |
| <u>A.2.1#B</u> | | | m Data Rate | | | | capability to support the transfer of real-time | |
| | | | Kate | | | | return link EDUs to the | |
| | | | | | | | EOC at a rate of up to | |
| | | | | | | | 1.1 Mbps. | |
| EDOS- | A | FOS | DIF/EO | interface | TBD | TBD | • | |
| 4.2.1.2# | | | C TSS | | | | The DIF shall provide | |
| A | | | Summ. | | | | the capability to initiate | |
| | | | Rpt Perf. | | | | the transfer of a TSS | |
| | | | Reqmt. | | | | Summary Report to the | |
| | | | | | | | EOC within 90 seconds of completion of the | |
| | | | | | | | TSS. | |
| EDOS- | В | FOS | DIF/EO | interface | TBD | TBD | The DIF-EOC interface | |
| A.2.2 | _ | | <u>C</u> | | | | shall provide the | |
| | | | | | | | capability to support the | |
| | | | | | | | transfer of Operations | |
| | | | | | | | Management data to the | |
| | | | | | | | EOC at a rate of up to | |
| EDOS- | ٨ | FOS | DIF/EO | interface | TBD | TBD | 50 kbps. The DIF-EOC interface | |
| A.2.3#A | <u>A</u> | 1.02 | <u>DIF/EU</u> <u>C</u> | menace | שענו | שענו | shall provide the | |
| 11.2.51111 | | | = | | | | capability to support the | |
| | | | | | | | receipt of forward link | |
| | | | | | | | real-time CLTUs from | |
| | | | | | | | the EOC at a rate of 35 | |
| | | | | | | | kbps for a single | |
| EDOG | D | EOC | DIE/EO | intonf | TDD | TDD | channel. | |
| EDOS- A.2.3#B | <u>B</u> | <u>FOS</u> | DIF/EO C | interface | <u>TBD</u> | <u>TBD</u> | The DIF-EOC interface shall provide the | |
| A.2.3#B | | | = | | | | capability to support the | |
| | | | | | | | receipt of forward link | |
| | | | | | | | real-time CLTUs from | |
| | | | | | | | the EOC at a rate of 35 | |
| | | | | | | | kbps for a single | |
| ED C C | | For | DIE 25 C | | mp.r. | mp.r. | <u>channel.</u> | |
| EDOS- | В | FOS | DIF/EO | interface | TBD | TBD | The DIE -111 '1 | |
| 4.2.1.2# B | | | C TSS Summ. | | | | The DIF shall provide the capability to initiate | |
| A.2.4#B | | | Rpt Perf. | | | | the transfer of a TSS | |
| 11.2.TID | | | Reqmt. | | | | Summary Report to the | |
| | | | 1 | | | | EOC within 90 seconds | |
| | | | | | | | of completion of the | |
| | | | | | | | TSS. | |
| | | | | | | | | |

| EDOS- | | appa i | DIE/I D | | TED D | C 11 | 1 | |
|-----------------------------------|----------|----------------|--|------------------|------------|-----------------------------|--|--|
| | A | SDPS | DIF/LaR | interface | TBD | fully met | T DIE I DODA I C | |
| 4.2.2.1# | | CSMS | C Ops | | | | The DIF-LaRC DAAC | |
| A | | | Mgt Data | | | | interface shall provide | |
| B.2.1#A | | | Max | | | | the capability to support | |
| | | | Data Rate | | | | the transfer of | |
| | | | | | | | Operations Management | |
| | | | | | | | data to the LaRC DAAC | |
| | | | | | | | at a rate of up to 50 | |
| | | | | | | | Kbps. | |
| EDOS- | В | SDPS | DIF/LaR | interface | TBD | | Rops. | |
| | ь | CSMS | | merrace | מפו | no new | The DIE LEDG DAAG | |
| 4.2.2.1# | | CSMS | C Ops | | | functiona | The DIF-LaRC DAAC | |
| В | | | Mgt Data | | | lity | interface shall provide | |
| <u>B.2.1#B</u> | | | Max | | | | the capability to support | |
| | | | Data Rate | | | | the transfer of | |
| | | | | | | | Operations Management | |
| | | | | | | | data to the LaRC DAAC | |
| | | | | | | | at a rate of up to 50 | |
| | | | | | | | Kbps. | |
| EDOS- | A | SDPS | DIF/LaR | interface | TBD | TBD | | |
| 4.2.2.2# | | | C PDS | | | | The DIF shall provide | |
| A | | | Del. | | | | the capability to initiate | |
| B.2.2#A | | | Record | | | | transfer of a PDS | |
| | | | Perf. | | | | Delivery Record to the | |
| | | | Req. | | | | LaRC DAAC within | |
| | | | rcq. | | | | 120 seconds of delivery | |
| | | |] | | | | of the PDS. | |
| EDOG | D | CDDC | DIF/LaR | into C- | TDD | TDD | or the FDS. | |
| EDOS- | В | SDPS | | interface | TBD | TBD | The DIE -111 '1 | |
| 4.2.2.2# | | | C PDS | | | | The DIF shall provide | |
| В | | | Del. | | | | the capability to initiate | |
| <u>B.2.2#B</u> | | | Record | | | | transfer of a PDS | |
| | | | Perf. | | | | Delivery Record to the | |
| | | | Req. | | | | LaRC DAAC within | |
| | | | | | | | 120 seconds of delivery | |
| | | | | | | | of the PDS. | |
| EDOS- | <u>B</u> | <u>SDPS</u> | DIF/LaR | <u>interface</u> | <u>TBD</u> | <u>TBD</u> | | |
| B.2.3 | | | C QDS | | | | The DIF shall provide | |
| | | | | | | | | |
| | | | Del. | | | | the capability to initiate | |
| 1 | | | Del. Record | | | | | |
| | | | Record | | | | transfer of a QDS | |
| | | | Record Perf. | | | | transfer of a QDS Delivery Record to the | |
| | | | Record | | | | transfer of a QDS Delivery Record to the LaRC DAAC within | |
| | | | Record Perf. | | | | transfer of a QDS Delivery Record to the LaRC DAAC within 120 seconds of delivery | |
| FDOS- | R | SDPS | Record Perf. Req. | interface | TRD | TRD | transfer of a QDS Delivery Record to the LaRC DAAC within | |
| EDOS- | В | SDPS | Record Perf. Req. | interface | TBD | TBD | transfer of a QDS Delivery Record to the LaRC DAAC within 120 seconds of delivery of the QDS. | |
| 4.2.2.4# | В | SDPS | Record Perf. Req. | interface | TBD | TBD | transfer of a QDS Delivery Record to the LaRC DAAC within 120 seconds of delivery of the QDS. The DIF shall provide | |
| 4.2.2.4# B | В | SDPS | Record Perf. Req. DIF/LaR C ADS Del. | interface | TBD | TBD | transfer of a QDS Delivery Record to the LaRC DAAC within 120 seconds of delivery of the QDS. The DIF shall provide the capability to initiate | |
| 4.2.2.4# | В | SDPS | Record Perf. Req. DIF/LaR C ADS Del. Record | interface | TBD | TBD | transfer of a QDS Delivery Record to the LaRC DAAC within 120 seconds of delivery of the QDS. The DIF shall provide the capability to initiate transfer of an ADS | |
| 4.2.2.4# B | В | SDPS | Record Perf. Req. DIF/LaR C ADS Del. Record Perf. | interface | TBD | TBD | transfer of a QDS Delivery Record to the LaRC DAAC within 120 seconds of delivery of the QDS. The DIF shall provide the capability to initiate transfer of an ADS Delivery Record to the | |
| 4.2.2.4# B | В | SDPS | Record Perf. Req. DIF/LaR C ADS Del. Record | interface | TBD | TBD | transfer of a QDS Delivery Record to the LaRC DAAC within 120 seconds of delivery of the QDS. The DIF shall provide the capability to initiate transfer of an ADS Delivery Record to the LaRC DAAC within | |
| 4.2.2.4# B | В | SDPS | Record Perf. Req. DIF/LaR C ADS Del. Record Perf. | interface | TBD | TBD | transfer of a QDS Delivery Record to the LaRC DAAC within 120 seconds of delivery of the QDS. The DIF shall provide the capability to initiate transfer of an ADS Delivery Record to the LaRC DAAC within 120 seconds of delivery | |
| 4.2.2.4# B B.2.4#B | | | Record Perf. Req. DIF/LaR C ADS Del. Record Perf. Req. | | | | transfer of a QDS Delivery Record to the LaRC DAAC within 120 seconds of delivery of the QDS. The DIF shall provide the capability to initiate transfer of an ADS Delivery Record to the LaRC DAAC within | |
| 4.2.2.4# B B.2.4#B | B | SDPS | Record Perf. Req. DIF/LaR C ADS Del. Record Perf. Req. DIF/GSF | interface | TBD | TBD | transfer of a QDS Delivery Record to the LaRC DAAC within 120 seconds of delivery of the QDS. The DIF shall provide the capability to initiate transfer of an ADS Delivery Record to the LaRC DAAC within 120 seconds of delivery of the ADS. | |
| EDOS-4.2.3.1# | | | Record Perf. Req. DIF/LaR C ADS Del. Record Perf. Req. DIF/GSF C Ops | | | | transfer of a QDS Delivery Record to the LaRC DAAC within 120 seconds of delivery of the QDS. The DIF shall provide the capability to initiate transfer of an ADS Delivery Record to the LaRC DAAC within 120 seconds of delivery of the ADS. The DIF-GSFC DAAC | |
| EDOS- 4.2.3.1# A | | SDPS | Record Perf. Req. DIF/LaR C ADS Del. Record Perf. Req. DIF/GSF C Ops Mgt Data | | | | transfer of a QDS Delivery Record to the LaRC DAAC within 120 seconds of delivery of the QDS. The DIF shall provide the capability to initiate transfer of an ADS Delivery Record to the LaRC DAAC within 120 seconds of delivery of the ADS. The DIF-GSFC DAAC interface shall provide | |
| EDOS-4.2.3.1# | | SDPS | Record Perf. Req. DIF/LaR C ADS Del. Record Perf. Req. DIF/GSF C Ops Mgt Data Max | | | | transfer of a QDS Delivery Record to the LaRC DAAC within 120 seconds of delivery of the QDS. The DIF shall provide the capability to initiate transfer of an ADS Delivery Record to the LaRC DAAC within 120 seconds of delivery of the ADS. The DIF-GSFC DAAC interface shall provide the capability to support | |
| EDOS- 4.2.3.1# A | | SDPS | Record Perf. Req. DIF/LaR C ADS Del. Record Perf. Req. DIF/GSF C Ops Mgt Data | | | | transfer of a QDS Delivery Record to the LaRC DAAC within 120 seconds of delivery of the QDS. The DIF shall provide the capability to initiate transfer of an ADS Delivery Record to the LaRC DAAC within 120 seconds of delivery of the ADS. The DIF-GSFC DAAC interface shall provide the capability to support the transfer of | |
| EDOS- 4.2.3.1# A | | SDPS | Record Perf. Req. DIF/LaR C ADS Del. Record Perf. Req. DIF/GSF C Ops Mgt Data Max | | | | transfer of a QDS Delivery Record to the LaRC DAAC within 120 seconds of delivery of the QDS. The DIF shall provide the capability to initiate transfer of an ADS Delivery Record to the LaRC DAAC within 120 seconds of delivery of the ADS. The DIF-GSFC DAAC interface shall provide the capability to support the transfer of Operations Management | |
| EDOS- 4.2.3.1# A | | SDPS | Record Perf. Req. DIF/LaR C ADS Del. Record Perf. Req. DIF/GSF C Ops Mgt Data Max | | | | transfer of a QDS Delivery Record to the LaRC DAAC within 120 seconds of delivery of the QDS. The DIF shall provide the capability to initiate transfer of an ADS Delivery Record to the LaRC DAAC within 120 seconds of delivery of the ADS. The DIF-GSFC DAAC interface shall provide the capability to support the transfer of Operations Management data to the GSFC | |
| EDOS- 4.2.3.1# A | | SDPS | Record Perf. Req. DIF/LaR C ADS Del. Record Perf. Req. DIF/GSF C Ops Mgt Data Max | | | | transfer of a QDS Delivery Record to the LaRC DAAC within 120 seconds of delivery of the QDS. The DIF shall provide the capability to initiate transfer of an ADS Delivery Record to the LaRC DAAC within 120 seconds of delivery of the ADS. The DIF-GSFC DAAC interface shall provide the capability to support the transfer of Operations Management | |
| EDOS- 4.2.3.1# A | | SDPS | Record Perf. Req. DIF/LaR C ADS Del. Record Perf. Req. DIF/GSF C Ops Mgt Data Max | | | | transfer of a QDS Delivery Record to the LaRC DAAC within 120 seconds of delivery of the QDS. The DIF shall provide the capability to initiate transfer of an ADS Delivery Record to the LaRC DAAC within 120 seconds of delivery of the ADS. The DIF-GSFC DAAC interface shall provide the capability to support the transfer of Operations Management data to the GSFC | |
| EDOS- 4.2.3.1# A | | SDPS CSMS | Record Perf. Req. DIF/LaR C ADS Del. Record Perf. Req. DIF/GSF C Ops Mgt Data Max | | | | transfer of a QDS Delivery Record to the LaRC DAAC within 120 seconds of delivery of the QDS. The DIF shall provide the capability to initiate transfer of an ADS Delivery Record to the LaRC DAAC within 120 seconds of delivery of the ADS. The DIF-GSFC DAAC interface shall provide the capability to support the transfer of Operations Management data to the GSFC DAAC at a rate of up to | |
| EDOS- 4.2.3.1# A C.2.1#A | A | SDPS | Record Perf. Req. DIF/LaR C ADS Del. Record Perf. Req. DIF/GSF C Ops Mgt Data Max Data Rate | interface | TBD | fully met | transfer of a QDS Delivery Record to the LaRC DAAC within 120 seconds of delivery of the QDS. The DIF shall provide the capability to initiate transfer of an ADS Delivery Record to the LaRC DAAC within 120 seconds of delivery of the ADS. The DIF-GSFC DAAC interface shall provide the capability to support the transfer of Operations Management data to the GSFC DAAC at a rate of up to | |
| EDOS- 4.2.3.1# A C.2.1#A | A | SDPS CSMS | Record Perf. Req. DIF/LaR C ADS Del. Record Perf. Req. DIF/GSF C Ops Mgt Data Max Data Rate DIF/GSF C Ops | interface | TBD | fully met no new functiona | transfer of a QDS Delivery Record to the LaRC DAAC within 120 seconds of delivery of the QDS. The DIF shall provide the capability to initiate transfer of an ADS Delivery Record to the LaRC DAAC within 120 seconds of delivery of the ADS. The DIF-GSFC DAAC interface shall provide the capability to support the transfer of Operations Management data to the GSFC DAAC at a rate of up to 50 Kbps. | |
| EDOS- 4.2.3.1# A C.2.1#A | A | SDPS CSMS | Record Perf. Req. DIF/LaR C ADS Del. Record Perf. Req. DIF/GSF C Ops Mgt Data Max Data Rate DIF/GSF C Ops Mgt Data | interface | TBD | fully met | transfer of a QDS Delivery Record to the LaRC DAAC within 120 seconds of delivery of the QDS. The DIF shall provide the capability to initiate transfer of an ADS Delivery Record to the LaRC DAAC within 120 seconds of delivery of the ADS. The DIF-GSFC DAAC interface shall provide the capability to support the transfer of Operations Management data to the GSFC DAAC at a rate of up to 50 Kbps. The DIF-GSFC DAAC interface shall provide | |
| EDOS- 4.2.3.1# A C.2.1#A | A | SDPS CSMS | Record Perf. Req. DIF/LaR C ADS Del. Record Perf. Req. DIF/GSF C Ops Mgt Data Max Data Rate DIF/GSF C Ops Mgt Data Max Mgt Data | interface | TBD | fully met no new functiona | transfer of a QDS Delivery Record to the LaRC DAAC within 120 seconds of delivery of the QDS. The DIF shall provide the capability to initiate transfer of an ADS Delivery Record to the LaRC DAAC within 120 seconds of delivery of the ADS. The DIF-GSFC DAAC interface shall provide the capability to support the transfer of Operations Management data to the GSFC DAAC at a rate of up to 50 Kbps. The DIF-GSFC DAAC interface shall provide the capability to support | |
| EDOS- 4.2.3.1# A C.2.1#A | A | SDPS CSMS | Record Perf. Req. DIF/LaR C ADS Del. Record Perf. Req. DIF/GSF C Ops Mgt Data Max Data Rate DIF/GSF C Ops Mgt Data | interface | TBD | fully met no new functiona | transfer of a QDS Delivery Record to the LaRC DAAC within 120 seconds of delivery of the QDS. The DIF shall provide the capability to initiate transfer of an ADS Delivery Record to the LaRC DAAC within 120 seconds of delivery of the ADS. The DIF-GSFC DAAC interface shall provide the capability to support the transfer of Operations Management data to the GSFC DAAC at a rate of up to 50 Kbps. The DIF-GSFC DAAC interface shall provide the capability to support the transfer of | |
| EDOS- 4.2.3.1# A C.2.1#A | A | SDPS CSMS | Record Perf. Req. DIF/LaR C ADS Del. Record Perf. Req. DIF/GSF C Ops Mgt Data Max Data Rate DIF/GSF C Ops Mgt Data Max Mgt Data | interface | TBD | fully met no new functiona | transfer of a QDS Delivery Record to the LaRC DAAC within 120 seconds of delivery of the QDS. The DIF shall provide the capability to initiate transfer of an ADS Delivery Record to the LaRC DAAC within 120 seconds of delivery of the ADS. The DIF-GSFC DAAC interface shall provide the capability to support the transfer of Operations Management data to the GSFC DAAC at a rate of up to 50 Kbps. The DIF-GSFC DAAC interface shall provide the capability to support the transfer of Operations Management of the Capability to support the transfer of Operations Management | |
| EDOS- 4.2.3.1# A C.2.1#A | A | SDPS CSMS | Record Perf. Req. DIF/LaR C ADS Del. Record Perf. Req. DIF/GSF C Ops Mgt Data Max Data Rate DIF/GSF C Ops Mgt Data Max Mgt Data | interface | TBD | fully met no new functiona | transfer of a QDS Delivery Record to the LaRC DAAC within 120 seconds of delivery of the QDS. The DIF shall provide the capability to initiate transfer of an ADS Delivery Record to the LaRC DAAC within 120 seconds of delivery of the ADS. The DIF-GSFC DAAC interface shall provide the capability to support the transfer of Operations Management data to the GSFC DAAC at a rate of up to 50 Kbps. The DIF-GSFC DAAC interface shall provide the capability to support the transfer of Operations Management data to the GSFC Operations Management the transfer of Operations Management data to the GSFC | |
| EDOS- 4.2.3.1# A C.2.1#A | A | SDPS CSMS | Record Perf. Req. DIF/LaR C ADS Del. Record Perf. Req. DIF/GSF C Ops Mgt Data Max Data Rate DIF/GSF C Ops Mgt Data Max Mgt Data | interface | TBD | fully met no new functiona | transfer of a QDS Delivery Record to the LaRC DAAC within 120 seconds of delivery of the QDS. The DIF shall provide the capability to initiate transfer of an ADS Delivery Record to the LaRC DAAC within 120 seconds of delivery of the ADS. The DIF-GSFC DAAC interface shall provide the capability to support the transfer of Operations Management data to the GSFC DAAC at a rate of up to 50 Kbps. The DIF-GSFC DAAC interface shall provide the capability to support the transfer of Operations Management of the Capability to support the transfer of Operations Management | |

| EDOS- | ٨ | CDDC | DIF/GSF | interfece | TDD | TDD | | |
|-----------------------------------|----------|-------------|---|----------------|-----|-----------------------------|---|--|
| 4.2.3.2# A C.2.2#A | A | SDPS | C PDS Del. Record Perf. Req. | | TBD | TBD | The DIF shall provide the capability to initiate transfer of a PDS Delivery Record to the GSFC DAAC within 120 seconds of delivery of the PDS. | |
| EDOS- 4.2.3.2# B C.2.2#B | В | SDPS | DIF/GSF C PDS Del. Record Perf. Req. | interface | TBD | TBD | The DIF shall provide the capability to initiate transfer of a PDS Delivery Record to the GSFC DAAC within 120 seconds of delivery of the PDS. | |
| EDOS- C.2.3#B | <u>B</u> | SDPS | DIF/GSF C QDS Del. Record Perf. Req. | | TBD | TBD | The DIF shall provide the capability to initiate transfer of a QDS Delivery Record to the GSFC DAAC within 120 seconds of delivery of the QDS. | |
| EDOS- 4.2.3.4# B C.2.4#B | В | SDPS | DIF/GSF C ADS Del. Record Perf. Req. | interface | TBD | TBD | The DIF shall provide the capability to initiate transfer of an ADS Delivery Record to the GSFC DAAC within 120 seconds of delivery of the ADS. | |
| EDOS- 4.2.8.1# A | A | CSMS | DIF/SM C-Ops Mgmt Data Max Data Rate | interface | TBD | fully met | The DIF-SMC interface shall provide the capability to support the transfer of Operations Management data to the SMC at a rate of up to 50 kbps. | |
| EDOS- 4.2.8.1# B H.2.1#B | В | CSMS | DIF/SM C Ops Mgmt Data Max Data Rate | interface | TBD | no new functiona lity | The DIF-SMC interface shall provide the capability to support the transfer of Operations Management data to the SMC at a rate of up to 50 kbps. | |
| EDOS- 4.2.8.2# A | A | TBĐ | DIF/SM C-PDS Del. Record Perf. Req. | procedur al | TBĐ | TBD | The DIF shall provide the capability to initiate transfer of a PDS Delivery Record to the SMC within 120 seconds of delivery of the PDS. | A External only requirement. Information only. No action is required by ECS. |
| EDOS- 4.2.8.2# B H.2.2#B | В | TBĐ CSMS | DIF/SM C PDS Del. Record Perf. Req. | procedur al | TBD | TBD | The DIF shall provide the capability to initiate transfer of a PDS Delivery Record to the SMC within 120 seconds of delivery of the PDS. | |

| EDOG | D | GG3.4G | DIE/GN/ | | TDD. | TED D | 1 | |
|----------------|----------|-------------|---------------|-----------|-------|------------|---|---------|
| EDOS- | <u>B</u> | <u>CSMS</u> | DIF/SM | procedur | TBD | <u>TBD</u> | | |
| <u>H.2.3#B</u> | | | C QDS | <u>al</u> | | | The DIF shall provide | |
| | | | Del. | | | | the capability to initiate | |
| | | | Record | | | | transfer of a QDS | |
| | | | Perf. | | | | Delivery Record to the | |
| | | | Req. | | | | SMC within 120 | |
| | | | | | | | seconds of delivery of | |
| EDOG | D | CCLAC | DIE/GN/ | · | TDD D | TEDE | the QDS. | |
| EDOS- | В | CSMS | DIF/SM | interface | TBD | TBD | TI DIE I II 'I | |
| 4.2.8.4# | | | C ADS Del. | | | | The DIF shall provide | |
| B H 2 4#D | | | Record | | | | the capability to initiate transfer of an ADS | |
| <u>H.2.4#B</u> | | | Perf. | | | | Delivery Record to the | |
| | | | Req. | | | | SMC within 120 | |
| | | | Req. | | | | seconds of delivery of | |
| | | | | | | | the ADS. | |
| EDOS- | В | CSMS | DIF | interface | TBD | TBD | the ADS. | |
| 4.2.8.5# | D | CDIVID | EAP | micracc | 100 | TDD | The DIF shall provide | |
| B | | | Perf. | | | | the capability to initiate | |
| | | | Reqmt. | | | | transfer of an EAP to | |
| | | | requir. | | | | the SMC within 10 | |
| | | | | | | | minutes of the initiation | |
| | | | | | | | of EAP generation. | |
| EDOS- | В | CSMS | ÐIF | interface | TBD | TBD | <i>G</i> | |
| 4.2.8.6# | | ~ | EOT | | | | The DIF shall provide | |
| В | | | Perf. | | | | the capability to initiate | |
| | | | Reqmt. | | | | transfer of an EOT to | |
| | | | 1 | | | | the SMC within 10 | |
| | | | | | | | minutes of the initiation | |
| | | | | | | | of EOT generation. | |
| EDOS- | В | CSMS | ÐIF | interface | TBD | TBD | | |
| 4.2.8.7# | | | EOT | | | | The DIF shall provide | |
| B | | | Change | | | | the capability to initiate | |
| | | | Notif. | | | | transfer of an EOT | |
| | | | Perf. | | | | Change Notification to | |
| | | | Reqmt. | | | | the SMC within 30 | |
| | | | | | | | seconds of receipt of any | |
| | | | | | | | change to the current | |
| | | | | | | | EOT. | |
| EDOS- | В | SDPS | LaRC/DI | interface | TBD | TBD | T I DODA A C I II | |
| 4.3.2.2# | | | F PDS | | | | The LaRC DAAC shall | |
| В | | | Del. | | | | provide the capability to | |
| | | | Status | | | | initiate transfer of the | |
| | | | Perf. Req | | | | Verification of PDSs | |
| | | | | | | | delivered status message | |
| | | | | | | | to the DIF within 8 hours following the | |
| | | | | | | | delivery of all PDSs for | |
| | | | | | | | a 24 hour period. | |
| EDOS- | В | SDPS | LaRC/DI | interface | TBD | TBD | a 24 flour poriou. | |
| 4.3.2.3# | 2 | מושט | F ADS | monace | עעו | עעוו | The LaRC DAAC shall | |
| Β | | | Del. | | | | provide the capability to | |
| B.3.3#B | | | Status | | | | initiate transfer of the | |
| עווע.ע.ע | | | Perf. Req | | | | Verification of ADSs | |
| | | | 1 cm. req | | | | delivered status message | |
| | | | | | | | to the DIF within 8 | |
| | | | | | | | hours following the | |
| | | | | | | | delivery of all ADSs for | |
| | | | | | | | a 24 hour period. | |
| EDOS- | <u>B</u> | SDPS | GSFC/D | interface | TBD | TBD | The GSFC DAAC shall | |
| C3.1#B | | | IF QDS | | | | provide the capability to | |
| | | | Del. | | | | initiate transfer of the | |
| | | | <u>Status</u> | | | | Verification of QDSs | |
| | | | Perf. Req | | | | delivered status message | |
| | | | | | | | to the DIF within 60 | |
| | | | | | | | minutes following the | |
| | | | | | | | delivery of all QDSs for | |
| | | | | | | | each TSS. | |
| | | - | - | | | - | · | <u></u> |

| EDOC | I D | CDDC | CCEC/D | · | TDD | TDD | T | |
|--------------------------------------|----------|-------------|---|-----------|-----|-----|---|----------|
| EDOS- 4.3.3.2# B C.3.2#B | В | SDPS | GSFC/D IF PDS Del. Status Perf. Req | interface | TBD | TBD | The GSFC DAAC shall provide the capability to initiate transfer of the Verification of PDSs delivered status message to the DIF within 8 hours following the delivery of all PDSs for a 24 hour period. | |
| EDOS- 4.3.3.3# B C.3.3#B | В | SDPS | GSFC/D IF ADS Del. Status Perf. Req | interface | TBD | TBD | The GSFC DAAC shall provide the capability to initiate transfer of the Verification of ADSs delivered status message | |
| EDOS- | Α | SDPS | DPF- | interface | TBD | TBD | to the DIF within 8 hours following the delivery of all ADSs for a 24 hour period. The DPF shall interface | Partial. |
| 4.4.2.1- a#A 4.2.2-#A | A | ט זענ | LaRC DAAC Interfaces | mende | טעו | ממו | with the LaRC DAAC to transfer PDSs, <u>QDSs</u> , <u>Archived Data Sets</u> (<u>ADSs</u>), and Mission Test Data Sets. | ı aua. |
| EDOS- 4.4.2.1- a#B 4.2.2-#B | В | SDPS | DPF- LaRC DAAC Interfaces | interface | TBD | TBD | The DPF shall interface with the LaRC DAAC to transfer PDSs, QDSs, Archived Data Sets (ADSs), and Mission Test Data Sets. | |
| EDOS- 4.4.2.1- b#B 4.2.2-#B | В | SDPS | DPF- LaRC DAAC Interfaces | interface | TBD | TBD | The DPF shall interface with the LaRC DAAC to transfer PDSs, QDSs, Archived Data Sets (ADSs), and Mission Test Data Sets. | |
| EDOS- 4.4.2.2# B 4.2.7#B | В | SDPS | DEDs Delivery from LaRC DAAC | interface | TBD | TBD | The DPF shall interface with the LaRC DAAC to receive DEDSs on removable physical media. | |
| EDOS- B.4.1 | <u>B</u> | <u>SDPS</u> | QDSs to LaRC DAAC | interface | TBD | TBD | The DPF shall provide the capability to transfer QDSs to the LaRC DAAC. | |
| EDOS- 4.4.2.4# A B.4.2#A | A | SDPS | PDSs to LaRC DAAC | interface | TBD | TBD | The DPF shall provide the capability to transfer any PDS to the LaRC DAAC. | |
| EDOS- 4.4.2.4# B B.4.2#B | В | SDPS | PDSs to LaRC DAAC | interface | TBD | TBD | The DPF shall provide the capability to transfer any PDS to the LaRC DAAC. | |
| EDOS- B.5.1 | <u>B</u> | FOS | DPF- LaRC DAAC | interface | TBD | TBD | The DPF-LaRC DAAC interface shall provide the capability to support the transfer of QDSs to the LaRC DAAC at a rate of up to 22 Mbps. | |

| EDOS | Ι Δ | EOG | DDE | intonf | TDD | TDD | The DDE LeDC DAAC | |
|-----------------|----------|------------|-------------|------------------|------------|------------|----------------------------|--|
| EDOS- | <u>A</u> | <u>FOS</u> | DPF- | <u>interface</u> | <u>TBD</u> | <u>TBD</u> | The DPF-LaRC DAAC | |
| <u>B.5.2#A</u> | | | <u>LaRC</u> | | | | interface shall provide | |
| | | | DAAC | | | | the capability to support | |
| | | | | | | | the transfer of PDSs to | |
| | | | | | | | the LaRC DAAC at a | |
| | | | | | | | rate of up to 22 Mbps. | |
| EDOS- | <u>B</u> | FOS | DPF- | interface | TBD | TBD | The DPF-LaRC DAAC | |
| <u>B.5.2#B</u> | | | <u>LaRC</u> | | | | interface shall provide | |
| | | | <u>DAAC</u> | | | | the capability to support | |
| | | | | | | | the transfer of PDSs to | |
| | | | | | | | the LaRC DAAC at a | |
| | | | | | | | rate of up to 22 Mbps. | |
| EDOS- | В | SDPS | PDSs to | interface | TBD | TBD | | |
| 4.4.2.5# | | | LaRC | | | | The DPF shall provide | |
| В | | | DAAC | | | | the capability to copy | |
| B.4.3#B | | | (backup | | | | PDSs to removable | |
| | | | delivery) | | | | physical media for | |
| | | | | | | | backup to electronic | |
| | | | | | | | delivery. | |
| EDOS- | В | SDPS | ADSs to | interface | TBD | TBD | | |
| 4.4.2.6# | | | LaRC | | | | The DPF shall provide | |
| В | | | DAAC | | | | the capability to transfer | |
| B.4.4#B | | | | | | | ADSs to the LaRC | |
| | | | | | | | DAAC. | |
| EDOS- | В | SDPS | ADSs to | interface | TBD | TBD | | |
| 4.4.2.7# | | | LaRC | | | | The DPF shall provide | |
| В | | | DAAC | | | | the capability to copy | |
| B.4.5#B | | | (backup | | | | ADSs to removable | |
| B.4.3#B | | | delivery) | | | | physical media for | |
| | | | denvery) | | | | backup to electronic | |
| | | | | | | | delivery. | |
| EDOS- | В | SDPS | DEDs | interface | TBD | TBD | denvery. | |
| 4.4.2.8# | ь | 5015 | media | interrace | IDD | IDD | The DPF shall provide | |
| В | | | from | | | | the capability to receive | |
| | | | LaRC | | | | DEDs from the LaRC | |
| <u>B.4.6#B</u> | | | DAAC | | | | DAAC on removable | |
| | | | DAAC | | | | | |
| EDOS- | Α. | CDDC | COCID/I | :46 | TBD | TBD | physical media. | |
| | A | SDPS | GOSIP/I | interface | 180 | 180 | TI DDE 1 II C | |
| 4.4.2.9- a#A | | | nternet | | | | The DPF shall conform | |
| a#A | | | for | | | | to GOSIP and Internet | |
| | | | DPF/LaR | | | | protocol standards for | |
| | | | C DAAC | | | | file transfer as specified | |
| | | |] | | | | in Applicable | |
| | | |] | | | | Documents 2, 3, 4, 5, | |
| | | |] | | | | and 6 to provide | |
| | | |] | | | | guaranteed data delivery | |
| | | | | | | | for the following data: | |
| | _ | an | | | | | a. PDSs | |
| EDOS- | B | SDPS | GOSIP/I | interface | TBD | TBD | | |
| 4.4.2.9- | | | nternet | | | | The DPF shall conform | |
| a#B | | | for | | | | to GOSIP and Internet | |
| | | | DPF/LaR | | | | protocol standards for | |
| | | | C-DAAC | | | | file transfer as specified | |
| | | |] | | | | in Applicable | |
| | | |] | | | | Documents 2, 3, 4, 5, | |
| | | |] | | | | and 6 to provide | |
| | | | | | | | guaranteed data delivery | |
| | | |] | | | | for the following data: | |
| 1 | l | | 1 | | | | a. PDSs | |
| | | | | | | | | |

| EDOC | D | appa : | COCIDA | ٠, ، | TDD | 1 | | |
|--------------------------------------|----------|---------------|---|-----------|-----|-----------------------------|---|----------|
| EDOS- 4.4.2.9- b#B | B | SDPS+ CSMS | GOSIP/I nternet for DPF/LaR C-DAAC | interface | TBD | no new functiona lity | The DPF shall conform to GOSIP and Internet protocol standards for file transfer as specified in Applicable Documents 2, 3, 4, 5, and 6 to provide guaranteed data delivery for the following data: c. ADSs | |
| EDOS- 4.4.3.1- a#A 4.2.3-#A | A | SDPS | DPF- GSFC DAAC Interfaces | interface | TBD | TBD | The DPF shall interface with the GSFC DAAC to transfer PDSs, QDSs, ADSs, and Mission Test Data Sets. | Partial. |
| EDOS- 4.4.3.1- a#B 4.2.3-#B | В | SDPS | DPF- GSFC DAAC Interfaces | interface | TBD | TBD | The DPF shall interface with the GSFC DAAC to transfer PDSs, QDSs, ADSs, and Mission Test Data Sets. | |
| EDOS- 4.4.3.1- b#B 4.2.3-#B | В | SDPS | DPF- GSFC DAAC Interfaces | interface | TBD | TBD | The DPF shall interface with the GSFC DAAC to transfer PDSs, QDSs, ADSs, and Mission Test Data Sets. | |
| EDOS- 4.4.3.2# B 4.2.8#B | В | SDPS | DEDs Delivery from GSFC DAAC | interface | TBD | TBD | The DPF shall interface with the GSFC DAAC to receive DEDSs on removable physical media. | |
| EDOS- C.4.1 | <u>B</u> | <u>SDPS</u> | QDSs to GSFC DAAC | interface | TBD | TBD | The DPF shall provide the capability to transfer QDSs to the GSFC DAAC. | |
| EDOS- 4.4.3.4# A C.4.2#A | A | SDPS | PDSs to GSFC DAAC | interface | TBD | TBD | The DPF shall provide the capability to transfer any-PDS to the GSFC DAAC. | |
| EDOS- 4.4.3.4# B C.4.2#B | В | SDPS | PDSs to GSFC DAAC | interface | TBD | TBD | The DPF shall provide the capability to transfer any PDS to the GSFC DAAC. | |
| EDOS- 4.4.3.5# B C.4.3#B | В | SDPS | PDSs to GSFC DAAC (backup delivery) | interface | TBD | TBD | The DPF shall provide the capability to copy PDSs to removable physical media for backup to electronic delivery. | |
| EDOS- 4.4.3.6# B C.4.4#B | В | SDPS | ADSs to GSFC DAAC | interface | TBD | TBD | The DPF shall provide the capability to transfer ADSs to the GSFC DAAC. | |
| EDOS- 4.4.3.7# B C.4.5#B | В | SDPS | ADSs to GSFC DAAC (backup delivery) | interface | TBD | TBD | The DPF shall provide the capability to copy ADSs to removable physical media for backup to electronic delivery. | |

| EDOS- | В | SDPS | DEDs | interface | TBD | TBD | | |
|----------------|----------|---------------|--------------|------------------|------------|------------|----------------------------|--|
| 4.4.3.8# | D | SDIS | media | interrace | IDD | IDD | The DPF shall provide | |
| В | | | from | | | | the capability to receive | |
| C.4.6#B | | | GSFC | | | | DEDs from the GSFC | |
| <u>C.4.0#B</u> | | | DAAC | | | | DAAC on removable | |
| | | | Dinie | | | | physical media. | |
| EDOS- | В | SDPS/C | DPF- | interface | TBD | TBD | The DPF-GSFC DAAC | |
| C.5.1#B | D | SMS | GSFC | interrace | 100 | 100 | interface shall provide | |
| C.J.1#B | | <u> 51/15</u> | USFC | | | | the capability to support | |
| | | | | | | | the transfer of QDSs to | |
| | | | | | | | the GSFC DAAC at a | |
| | | | | | | | rate of up to 22 Mbps. | |
| EDOC | Α | CDDC/C | DDE | interfore | TBD | TDD | The DPF-GSFC DAAC | |
| EDOS- | <u>A</u> | SDPS/C | DPF- | interface | IDD | <u>TBD</u> | | |
| <u>C.5.2#A</u> | | <u>SMS</u> | <u>GSFC</u> | | | | interface shall provide | |
| | | | | | | | the capability to support | |
| | | | | | | | the transfer of PDSs to | |
| | | | | | | | the GSFC DAAC at a | |
| EDOG | D | GDDG/G | DDE | | TDD | TDD | rate of up to 22 Mbps. | |
| EDOS- | <u>B</u> | SDPS/C | DPF- | <u>interface</u> | <u>TBD</u> | <u>TBD</u> | The DPF-GSFC DAAC | |
| C.5.2#B | | <u>SMS</u> | <u>GSFC</u> | | | | interface shall provide | |
| | | | | | | | the capability to support | |
| | | | | | | | the transfer of PDSs to | |
| | | | | | | | the GSFC DAAC at a | |
| | | anna | G G G T D /T | | | | rate of up to 22 Mbps. | |
| EDOS- | A | SDPS | GOSIP/I | interface | TBD | TBD | | |
| 4.4.3.9- | | | nternet | | | | The DPF shall conform | |
| a#A | | | for | | | | to GOSIP and Internet | |
| | | | DPF/GS | | | | protocol standards for | |
| | | | F€ | | | | file transfer as specified | |
| | | | DAAC | | | | in Applicable | |
| | | | | | | | Documents 2, 3, 4, 5, | |
| | | | | | | | and 6 to provide | |
| | | | | | | | guaranteed data delivery | |
| | | | | | | | for the following data | |
| | | | | | | | types: | |
| | | | | | | | a. PDSs | |
| EDOS- | В | SDPS | GOSIP/I | interface | TBD | TBD | | |
| 4.4.3.9- | | | nternet | | | | The DPF shall conform | |
| a#B | | | for | | | | to GOSIP and Internet | |
| | | | DPF/GS | | | | protocol standards for | |
| | | | FC | | | | file transfer as specified | |
| | | | DAAC | | | | in Applicable | |
| | | | | | | | Documents 2, 3, 4, 5, | |
| | | | | | | | and 6 to provide | |
| | | | | | | | guaranteed data delivery | |
| | | | | | | | for the following data | |
| | | | | | | | types: | |
| | | <u></u> | | | | | a. PDSs | |
| EDOS- | В | SDPS | GOSIP/I | interface | TBD | no new | | |
| 4.4.3.9- | | CSMS | nternet | | | functiona | The DPF shall conform | |
| b#B | | | for | | | lity | to GOSIP and Internet | |
| | | | DPF/GS | | | | protocol standards for | |
| | | | FC | | | | file transfer as specified | |
| | | | DAAC | | | | in Applicable | |
| | | | | | | | Documents 2, 3, 4, 5, | |
| | | | | | | | and 6 to provide | |
| | | | | | | | guaranteed data delivery | |
| | | | | | | | for the following data | |
| | | | | | | | types: | |
| | | | | | | | c. ADSs | |
| | 1 | 1 | 1 | 1 | 1 | 1 | ··· ~~ | |

| EDOS- | A | SDPS | DPF/EC | interface | TBD | fully met | |
|-------|---|-------|----------|-----------|-----|-----------|---------------------------|
| | A | ' | | merrace | 100 | runy met | D 6 |
| 4.5#A | | CSMS | S | | | | Performance |
| | | | Performa | | | | requirements specifying |
| | | | nce | | | | the rates for transfer of |
| | | | Rqmts. | | | | Mission Data from the |
| | | | | | | | EDOS DPF to each |
| | | | | | | | EGS element can be |
| | | | | | | | found in the |
| | | | | | | | |
| | | | | | | | EDOS/Ecom Traffic |
| | | | | | | | Model, Reference |
| | | | | | | | Document 10. |
| EDOS- | В | SDPS+ | DPF/EC | interface | TBD | no new | |
| 4.5#B | | CSMS | S | | | functiona | Performance |
| | | | Performa | | | lity | requirements specifying |
| | | | nce | | | | the rates for transfer of |
| | | | Rqmts. | | | | Mission Data from the |
| | | | requires | | | | EDOS DPF to each |
| | | | | | | | EGS element can be |
| | | | | | | | found in the |
| | | | | | | | |
| | | | | | | | EDOS/Ecom Traffic |
| | | | | | | | Model, Reference |
| | | | | | | | Document 10. |